In the Specification

Please substitute the following paragraph at page 1, beginning at line 5:

This application is a continuation-in-part of Provisional Application Serial No. 10/114,718, filed Dec. ~~23~~24, 1998 and is hereby incoporated by reference in its entirety.

Please substitute the following paragraph at page 34, beginning at line 2:

X is selected from the group consisting of methylexnoxycarbonyl, and furan-2,5-diyl, and pharmaceutically acceptable salts and prodrugs thereof. More preferred are such compounds wherein A" is $-NH~~2~~_2$, X is furan-2,5-diyl, and B" is $-S(CH_2)_2CH_3$; wherein A" is $-NH_2$, X is furan-2,5-diyl, and B" is $-CH_2-CH(CH_3)_2$; wherein A" is $-NH_2$, X is furan-2,5-diyl, and B" is –COOEt; wherein A" is $-NH_2$, X is furan-2,5-diyl, and B" is –SMe; or wherein A" is $-NH_2$, X is methyleneoxycarbonyl, and B" is $-CH(CH_3)_2$.

Please substitute the following paragraph at page 41, beginning at line 1:

Preferred X^2 groups include $-CF_2-$, $-CH_2-$, ~~–OC(O)–~~ –OC(O)–, $-OCH_2-$, $-SCH_2-$, $-NHCH_2-$, and $-N(C(O)CH_3)-CH_2-$. More preferred are $-OCH_2-$, $-SCH_2-$, and $-N(C(O)CH_3)-CH_2-$. Most preferred is $-OCH_2-$.

Please substitute the following paragraph at page 48, beginning at line 6:

A^2 is selected from the group consisting of $-NR^8_2$, ~~$NHSO_2R^3$~~ $—NHSO_2R^3$, $-OR^5$, $-SR^5$, halogen, lower alkyl, $-CON(R^4)_2$, guanidine, amidine, -H, and perhaloalkyl;

Please substitute the following paragraph at page 74, beginning at line 1:

Preferred X^2 groups include $-CF_2$, $-CH_2-$, ~~–OC(O)——~~ –OC(O) –, $-OCH_2$, $-SCH_2-$, $-NHCH_2-$, and $-N(C(O)CH_3)-CH_2-$. More preferred are $-OCH_2-$, $-SCH_2-$, and $-N(C(O)CH_3)-CH_2-$. Most preferred is $-OCH_2-$.

Please substitute the following paragraphs at page 98, beginning at line 5 through to page 99, line 6:

Variable A moieties are assigned the following numbers:

	1	2	3	4
A=	~~NH2~~ NH_2	H	Me	Cl

Variable B moieties are assigned the following numbers:

	1	2	3	4	5	6	7	8
B=	~~SCH3~~ $-SCH_3$	-*i*Bu	-*c*Pr	-S-*n*Pr	-SEt	-iPr	-nPr	~~CH2cPr~~ $-CH_2cPr$

Variables Q^1 and Q^2 are divided into three groups, each listing eight different substitutes.

Q^1 and Q^2 moieties are assigned the following numbers:

Group 1:

Q^1 and Q^2

1. -NH-CH~~2~~$_2$-C(O)R~~1~~4[14]
2. -NH-CH(CH~~3~~$_3$)-C(O)R~~1~~4[14]
3. -NH-C(CH~~3~~$_3$)~~2~~$_2$-C(O)R~~1~~4[14]
4. -NH-C(CH~~3~~$_3$)~~2~~$_2$CH~~2~~$_2$-C(O)R~~1~~4[14]
5. -NH-CH(CH(CH~~3~~$_3$)~~2~~$_2$))-C(O)R~~1~~4[14]
6. -NH-CH(CH~~2~~$_2$(CH(CH~~3~~$_3$)~~2~~$_2$)))-C(O)R~~1~~4[14]
7. -NH-CH(CH~~2~~$_2$CH~~2~~$_2$SCH~~3~~$_3$)-C(O)R~~1~~4[14]
8. -NH-CH(CH~~2~~$_2$SCH~~2~~$_2$Ph)-C(O)R~~1~~4[14]

Group 2:

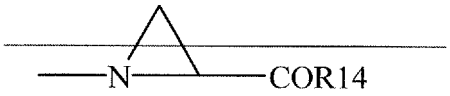
Q^1 and Q^2

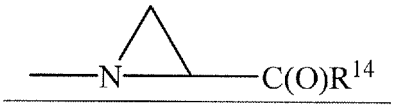
1. –NH-CH~~2~~$_2$CH~~2~~$_2$-C(O)R~~1~~4[14]

2. –NH-CH(CH~~2~~$_2$CH~~2~~$_2$COR~~14~~^{14})-C(O)R~~14~~^{14}
3. –NH-CH(CH~~2~~$_2$COR~~14~~^{14})-C(O)R~~14~~^{14}
4. –NH-CH(CH~~2~~$_2$CONH~~2~~$_2$)-C(O)R~~14~~^{14}
5. –NH-CH(COR~~14~~^{14})CH~~2~~$_2$-C(O)R~~14~~^{14}
6. –NH-CH(CH~~2~~$_2$OR~~17~~^{17})-C(O)R~~14~~^{14}
7. –NH-CH(CH~~2~~$_2$CH~~2~~$_2$COR~~14~~^{14})-C(O)R~~14~~^{14}
8. –NH-CH(CH~~2~~$_2$OH)-C(O)R~~14~~^{14}

Group 3:

Q^1 and Q^2

1. –NH-CH(CH~~2~~$_2$-C~~6~~$_6$H~~5~~$_5$OH)-C(O)R~~14~~^{14}
2. –NH-C(c-propyl)-C(O)R~~14~~^{14}
3. –NH-C(c-pentyl)-C(O)R~~14~~^{14}
4. –NH-C(c-hexyl)-C(O)R~~14~~^{14}
5. –NH-CH(CH~~2~~$_2$Ph)-C(O)R~~14~~^{14}
6. –N(CH~~3~~$_3$)-CH~~2~~$_2$-C(O)R~~14~~^{14}
7. 



8. –NR~~18~~^{18}R~~19~~^{19}

where R^4 is selected from the groups consisting of OMe, OEt, OBn, O-*t*Bu, O-*n*Pr, OPh, -N(Me)$_2$, morpholine, SMe, SEt; R^{17} is methyl, ethyl, benzyl, and propyl; R^{18} is H, Me, Et, Bn, Pr and Ph and R~~19~~^{19} is Me, Et, Bn, Pr and Ph; R~~18~~^{18} and R~~19~~^{19} is morpholinyl and pyrrolidinyl.

Please substitute the following paragraphs at page 100, beginning at line 17 through to page 101, line 6:

1. -NH-CH~~2~~$_2$-C(O)R~~14~~^{14}
2. -NH-CH(CH~~3~~$_3$)-C(O)R~~14~~^{14}
3. -NH-C(CH~~3~~$_3$)~~2~~$_2$-C(O)R~~14~~^{14}
4. -NH-C(CH~~3~~$_3$)~~2~~$_2$CH~~2~~$_2$-C(O)R~~14~~^{14}

5. -NH-CH(CH(CH3~~3~~)2~~2~~))-C(O)R14~~14~~
6. -NH-CH(CH2~~2~~(CH(CH3~~3~~)2~~2~~)))-C(O)R14~~14~~
7. -NH-CH(CH2~~2~~CH2~~2~~SCH3~~3~~)-C(O)R14~~14~~
8. -NH-CH(CH2~~2~~SCH2~~2~~Ph)-C(O)R14~~14~~

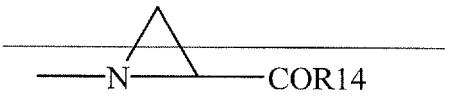
Group 2:

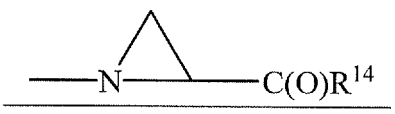
Q^1 and Q^2

1. –NH-CH2~~2~~CH2~~2~~-C(O)R14~~14~~
2. –NH-CH(CH2~~2~~CH2~~2~~COR14~~14~~)-C(O)R14~~14~~
3. –NH-CH(CH2~~2~~COR14~~14~~)-C(O)R14~~14~~
4. –NH-CH(CH2~~2~~CONH2~~2~~)-C(O)R14~~14~~
5. –NH-CH(COR14~~14~~)CH2~~2~~-C(O)R14~~14~~
6. –NH-CH(CH2~~2~~OR17~~17~~)-C(O)R14~~14~~
7. –NH-CH(CH2~~2~~CH2~~2~~COR14~~14~~)-C(O)R14~~14~~
8. –NH-CH(CH2~~2~~OH)-C(O)R14~~14~~

Group 3:

Q^1 and Q^2

1. –NH-CH(CH2~~2~~-C6~~6~~H5~~5~~OH)-C(O)R14~~14~~
2. –NH-C(c-propyl)-C(O)R14~~14~~
3. –NH-C(c-pentyl)-C(O)R14~~14~~
4. –NH-C(c-hexyl)-C(O)R14~~14~~
5. –NH-CH(CH2~~2~~Ph)-C(O)R14~~14~~
6. –N(CH3~~3~~)-CH2~~2~~-C(O)R14~~14~~
7. 



8. –NR18~~18~~R19~~19~~

Please substitute the following paragraph at page 102, beginning at line 13:

where R4 is selected from the groups consisting of OMe, OEt, OBn, O-*t*Bu, O-*n*Pr, OPh, -N(Me)~~2~~[2], morpholine, SMe, SEt; R~~17~~[17] is methyl, ethyl, benzyl, and propyl; R~~18~~[18] is H, Me, Et, Bn, Pr and Ph and R~~19~~[19] is Me, Et, Bn, Pr and Ph; R~~18~~[18] and R~~19~~[19] is morpholinyl and pyrrolidinyl.

Please substitute the following paragraph at page 231, beginning at line 22:

Step B. 2-Diethylphosphonomethyloxy-5-bromonitrobenzene was subjected to Step B of Example 37, Step B of Example 36, and Step D of Example 34 to give 2-amino-7-bromo-6-thiocyanato-4-phosphonomethoxybenzothiazole (38.1). mp >250°C(dec.). Anal. Calcd. for ~~$C_9H_7N_3O_4PS_2Br$~~: $C_9H_7N_3O_4PS_2Br$: C:27.29; H:1.78; N:10.61. Found: C:26.90; H:1.58; N:10.54.

Please substitute the following paragraph at page 238, beginning at line 13:

(48.9) 2-Amino-5-isobutyl-4-{2-[5-(O-(2-bis(N-(1-methyl-1-ethoxycarbonyl)ethyl)phosphonamido]furanyl}thiazole. mp. 142-145°C:; Anal. cald. for $C_{23}H_{37}N_4O_6PS$: C:52.26; H:7.06; N:10.60. Found: C: 52.21; H:6.93; N:10.62.

Please substitute the following paragraphs at page 238, beginning at line 21:

(48.11) 2-Amino-5-isobutyl-4-{2-[5-(N,N'-bis((S)-1-benzyloxycarbonyl-2-methyl)propyl) phosphonamido]furanl}thiazol. Anal. cald. for ~~$C_{35}H_{45}N_4O_6PS$~~ $C_{35}H_{45}N_4O_6PS$ + 0.5 H_2O: C: 60.94; H:6.72; N: 8.12. Found: C: 61.01: H: 6.48; N: 7.82.

(48.12) 2-Amino-5-isobutyl-4-{2-[5-(N,N'-bis((S)-1-methoxycarbonyl-3-methyl)butyl) phosphonamido]furanyl}thiazole. Anal. cald. for ~~$C_{35}H_{41}N_4O_6PS$: C:~~ $C_{35}H_{41}N_4O_6PS$:C: 53.94; H: 7.42; N: 10.06. Found: C: 54.12; H: 7.62; N: 9.82.

Please substitute the following paragraphs at page 239, beginning at line 1:

(48.14) 2-Amino-5-isobutyl-4-{2-[5-(N,N'-bis((S)-1-ethoxycarbonyl-3-(S-methyl))butyl) phosphonamido]furanyl}thiazole. Anal. cald. for ~~$C_{23}H_{37}N_4O_6PS3$:~~ $C_{23}H_{37}N_4O_6PS3$: C: 46.61; H: 6.92; N: 9.45. Found: C: 46.26; H. 6.55; N: 9.06.

(48.15) 2-Amino-5-propylthio-4-{2[5-(N,N'-(1-(S)-ethoxycarbonyl)ethyl)phosphonamido] furanyl}thiazol. Anal. cald. for $C_{20}H_{31}N_4O_6PS_2$: C: 46.32; H: 6.03; N: 10.80. Found: C: 46.52; H: 6.18; ~~H~~N: 10.44.

(48.16) 2-Amino-5-isobutyl-4-{2-[5-(N,N'-bis((S)-1-benzyloxycarbonyl-2-methyl)isobutyl) phosphonamido]furanyl}thiazole. Anal. cald. for $C_{37}H_{49}N_4O_6PS$: C: 62.69; H: 6.97; ~~H~~N: 7.90. Found: C: 62.85; ~~h~~ H: 7.06, N: 7.81.

Please substitute the following paragraphs at page 239, beginning at line 21:

(48.19) 2-Amino-5-isobutyl-4-{2-[5-(N,N'-bis((S)-1-ethoxycarbonyl-2-phenyl)ethyl) phosphonoamido]furanyl}thiazole. Anal. cald. for $C_{33}H_{41}N_4O_6PS$ + 0.15 CH_2Cl_2: C: 59.83; H: 6.26; ~~H~~N: 8.42. Found: C: 59.88; H: 6.28; ~~H~~N: 8.32.

(48.20) 2-Amino-5-propylthio-4-{2-[5-(N,N'-(1-methyl-1ethoxycarbonyl)ethyl) phosphonamido]furanyl}thiazole. mp. 110-115°C: Anal. cald. for $C_{22}H_{35}N_4O_6PS_2$ + 0.4HCl +0.5Et_2O: C: 48.18; H: 6.81; N: 9.36. Found: C: 48.38; H: 6.60; ~~H~~N: 8.98.